AMENDMENT   YOR9-1999-0183
Serial No. 09/343,758

AMENDMENTS TO THE CLAIMS

1. (Original) A method of transferring data across a computer network, said computer network including a plurality of computers, a database stored on one of said plurality of computers, said method comprising the steps of:

setting data transfer constraints;

requesting transfer of data stored on a remote computer system;

identifying at least one object included in said requested data as being associated with a generic object; and

substituting the generic object for each of said at least one object responsive to said data transfer constraints.

2. (Original) A method as in claim 1 wherein said stored data includes image and sound data.

3. (Original) A method as in claim 2, wherein image data is requested by a user for display on a web browser, said generic object being substituted in a web browser image, said method further comprising:

displaying said web browser image.

4. (Original) A method as in claim 3, wherein the remote computer system identifies generic objects.

5. (Original) A method as in claim 4, wherein while the web browser image is being displayed, the remote computer system is transferring generic object codes associated with related images.
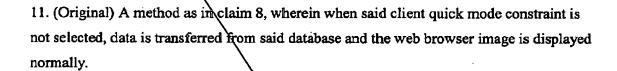
6.   (Canceled)

-2-

7. (Previously Amended) A method as in claim 24 wherein a requested object is transferred while a corresponding generic object is being displayed and further comprising:

    replacing and displaying each corresponding generic object with each said requested object when said requested object is received.

8. (Original) A method as in claim 7, wherein the data transfer constraints include a peak net traffic constraint, a client quick mode constraint, a server quick mode constraint and an importance level.

9. (Original) A method as in claim 8, wherein when said importance level is high, data is transferred from said database and the web browser image is displayed normally.

10. (Original) A method as in claim 8, wherein when peak net traffic is below said peak net traffic constraint, data is transferred from said database and the web browser image is displayed normally.

11. (Original) A method as in claim 8, wherein when said client quick mode constraint is not selected, data is transferred from said database and the web browser image is displayed normally.

12. (Original) A method as in claim 8, wherein when said server quick mode constraint is not selected, data is transferred from said database and the web browser image is displayed normally.

13. (Original) A method as in claim 5, wherein while the web browser image is being displayed, the remote computer system is further transferring additional generic objects associated with said related images.

- 3 -

AMENDMENT
Serial No. 09/343,758

YOR9-1999-0183

14. (Original) An interface device for connecting to and retrieving data from a remote computer system, said interface device comprising:

means for setting data transfer constraints;

means for requesting data from a remote computer system;

means for storing a plurality of generic objects, each stored generic object corresponding to an original object in data requested from said remote computer system;

means for substituting each stored said generic objects for said corresponding object; and

means for outputting said requested data, said output data selectively including said generic objects or corresponding original objects responsive to said data transfer constraints.

15. (Original) The interface device as in claim 14, wherein the outputting means is a video display.

16. (Original) The interface device as in claim 14, wherein the interface device is a speaker.

17. (Currently Amended) A method of compressing digital images, comprising the steps of:

a)   identifying objects in a digital image;

b)   identifying names of identified objects;

c)   identifying a position of identified objects;

d)   identifying a position relative to one of said identified objects in the digital image;

e)   identifying characteristics of the identified objects;

f)   substituting ~~replacing~~ identified objects <u>for</u> ~~with~~ generic objects, position data and characteristics to form a modified digital image; and,

g)   sending the modified digital image to a client system for display.

- 4 -

AMENDMENT   YOR9-1999-0183
Serial No. 09/343,758

18. (Currently Amended) A method of restoring a compressed image comprising the steps of:

    a)   identifying generic objects in received image data;

    b)   identifying corresponding objects in subsequently received data;

    c)   substituting ~~replacing~~ said identified generic objects in said received image data <u>for</u> ~~with~~ said corresponding objects to form an image; and

    d)   displaying said image.

19. (Previously Amended) A computer program product for transferring data across a computer network including a plurality of computers, a database stored on one of said plurality of computers, said computer program product comprising a computer usable medium having computer readable program code thereon, said computer readable program code comprising:

    computer readable program code means for setting data transfer constraints;

    computer readable program code means for requesting transfer of data stored on a remote computer system;

    computer readable program code means for identifying at least one object included in said requested data as being associated with a generic object; and

    computer readable program code means for substituting the generic object for each of said at least one object responsive to said data transfer constraints.

20. (Original) A computer program product as in claim 19, wherein image data is requested by a user for display on a web browser, said generic object being substituted in a web browser image, said computer program product further comprising:

    computer readable program code including a database with a plurality of generic objects.

- 5 -

AMENDMENT   YOR9-1999-0183
Serial No. 09/343,758

21. (Original) A computer program product as in claim 20, further comprising:

computer readable program code for transferring additional generic objects associated with related images while the web browser image is being displayed.

22.   (Canceled)

23. (Previously Amended) A computer program product as in claim 20, further comprising:

computer readable program code for transferring requested object while a corresponding generic object is being displayed and when said requested object is received replacing and displaying each corresponding generic object with each said requested object.

24. (Currently Amended) A method of transferring data across a computer network, said computer network including a plurality of computers, a database stored on one of said plurality of computers, said method comprising the steps of:

setting data transfer constraints;

requesting transfer of data, including image and sound data, stored on a remote computer system;

identifying at least one object included in said requested data as being associated with a generic object;

substituting the generic object for each of said at least one object in a web browser image responsive to said data transfer constraints;

transferring generic object codes associated with related images from said remote computer system; and,

displaying said web browser image while transferring, wherein when related images are displayed, said generic objects associated with said transferred generic object codes are substituted in said displayed related images.'

- 6 -

AMENDMENT   YOR9-1999-0183
Serial No. 09/343,758

25. (Previously Added) A computer program product for transferring data across a computer network including a plurality of computers, a database stored on one of said plurality of computers, said computer program product comprising a computer usable medium having computer readable program code thereon, said computer readable program code comprising:

computer readable program code means for setting data transfer constraints;

computer readable program code means for requesting transfer of data stored on a remote computer system;

computer readable program code means for identifying at least one object included in said requested data as being associated with a generic object;

computer readable program code means for substituting the generic object in a web browser image for each of said at least one object responsive to said data transfer constraints;

computer readable program code for transferring additional generic objects associated with related images while the web browser image is being displayed; and

computer readable program code for substituting said additional objects for said related object when a related image is displayed.

- 7 -